

# Technical Datasheet

## Modera Plus

Direct Pressure Laminate, Level of use according to EN 13329: **Class 23/32 – AC4**



Heavy domestic use



Heavy commercial use

**20** years

guarantee

15 year residential  
and 10 year commercial warranty\*



EN 14041:2004/AC:2006; Cfl-s1; E1; DS; PCP<5ppm  
For internal use as floor coverings (see EN 14041);  
002-DOP

### DIMENSION

dimension	thickness (t)	10 ± 0,50 mm · tmax - tmin ≤ 0,50 mm		
	length	1285 ± 0,50 mm		
	width (w)	192 ± 0,10 mm · wmax - wmin ≤ 0,20 mm		
profile	long side	twin clic	short side	1c2g pure

### TOLERANCE

squareness	EN 13329+A1	≤ 0,20 mm
straightness	EN 13329+A1	≤ 0,30 mm/m
flatness crosswise	EN 13329+A1	concave: ≤ 0,15% · convex: ≤ 0,20%
flatness length	EN 13329+A1	concave: ≤ 0,50% · convex: ≤ 1,00%
gaps between elements	EN 13329+A1	average: ≤ 0,15 mm · max: ≤ 0,20 mm
height difference between elements	EN 13329+A1	average: ≤ 0,10 mm · max: ≤ 0,15 mm

### TEST

abrasion resistance	EN 13329+A1	AC4 ≥ 4000 rpm	
impact resistance	EN 13329+A1	IC2 small ball ≥ 12 N big ball ≥ 750 mm	
stain resistance	group 1 & 2	EN 438	grade 5
	group 3		≥ grade 4
castor chair test	EN 425:2002	no change in appearance or damage, as defined per EN 425	
effect of a furniture leg	EN 424	no damage shall be visible, when tested with foot type 0	
thickness swelling	ISO 24336	≤ 18%	
light fastness	EN 20105-A02 EN ISO4892-2:200	grey scale ≥ 4 blue wool grade ≥ 6	
dimensional variations after changes in relative humidity	ISO 24339	lengthwise ≤ 0,9 mm crosswise ≤ 0,9 mm	
locking strength	ISO 24334	length ≥ 1 kN/m width ≥ 2 kN/m	
surface soundness	EN 13329+A1	≥ 1,25 N/mm <sup>2</sup>	

### ENVIRONMENT

emission of formaldehyde	EN 717-1	Class E1
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### PHYSICAL BEHAVIOR

fire behavior	EN 13501-1	Cfl-s1
slip resistance	EN 13893	technical class DS
thermal resistance	EN 12667	0,0537 (m <sup>2</sup> K)/W
thermal conductivity	EN 12664	0,156 W/(m*K)

\*Detailed warranty conditions are available at [www.krono-original.com](http://www.krono-original.com)

The data sheet is updated regularly to meet new technological standards. This version replaces all previous versions as well as those which are undated. This version takes effect upon creation. Version 01/2017